

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
7 July 2005 (07.07.2005)

PCT

(10) International Publication Number  
**WO 2005/060778 A2**

(51) International Patent Classification<sup>7</sup>: **A42B 3/06**

(21) International Application Number:  
PCT/GB2004/005149

(22) International Filing Date: 7 December 2004 (07.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0329612.6 20 December 2003 (20.12.2003) GB  
0409065.0 23 April 2004 (23.04.2004) GB

(71) Applicant (for all designated States except US): **LLOYD (SCOTLAND) LIMITED** [GB/GB]; 152 Bath Street, Glasgow G2 4TB (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **SAJIC, Peter** [GB/GB]; 9 Golflinks Road, Broadstone, Dorset BH18 8BE (GB).

(74) Agent: **MURGITROYD & COMPANY**; 165-169 Scotland Street, Glasgow G5 9PL (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

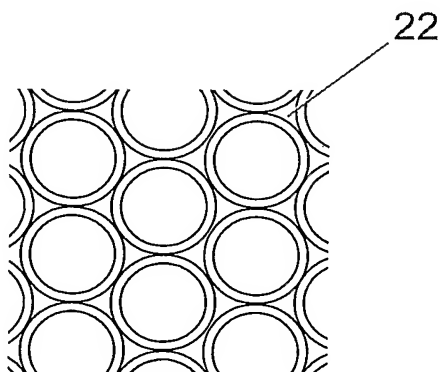
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: BODY PROTECTING DEVICE



(57) Abstract: A body protecting device for wearing by a user comprising an array of energy absorbing cells, wherein each cell comprises a tube, and wherein substantially each tube has a side wall which is near or adjacent to the side wall of at least another tube, and wherein substantially each tube is configured such that the orientation of the tube is substantially maintained when a load is applied parallel to the axis of the tube.

WO 2005/060778 A2